

Chiral Ammonium Salt Catalyzed Asymmetric Alkylation of Unactivated Amides

C. Xu, X. Yang

Synlett

Synlett 2022, 33, 599–608
DOI: 10.1055/a-1696-4553

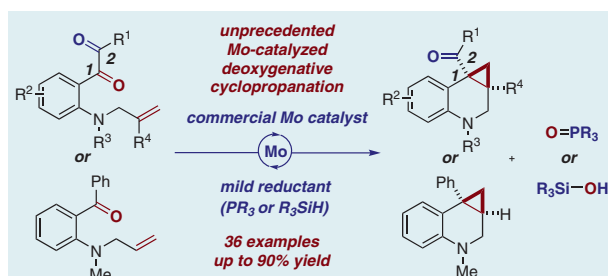
J.-L. Wang
C.-X. Zhuo*

Xiamen University, P. R. of China

Catalytic Deoxygenative Cyclopropanation of 1,2-Dicarbonyl or Mono-carbonyl Compounds via Molybdenum Catalysis

Synfacts

599



Synlett

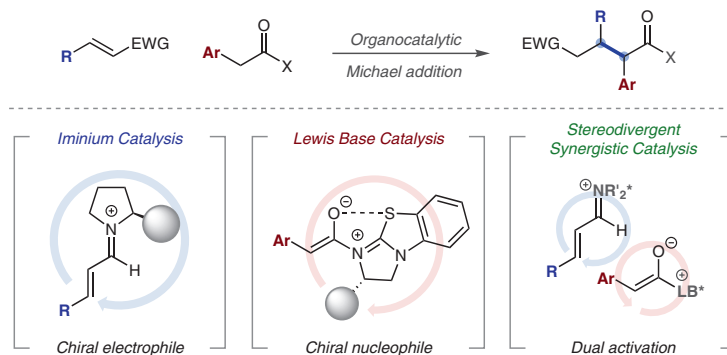
Synlett 2022, 33, 609–616
DOI: 10.1055/s-0041-1737323

B. Kim
Y. Kim
S. Y. Lee*

Stereoselective Michael Additions of Arylacetic Acid Derivatives by Asymmetric Organocatalysis

Synfacts

609

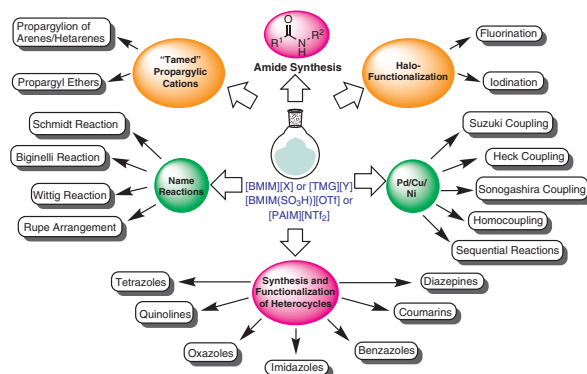


K. K. Laali*
R. G. Kalkhambkar*
S. M. SutarUniversity of North Florida, USA
Karnatak University, India

Recent Advances in the Synthesis of Diverse Libraries of Small-Molecule Building Blocks in Ionic Liquids (ILs)

Account

617

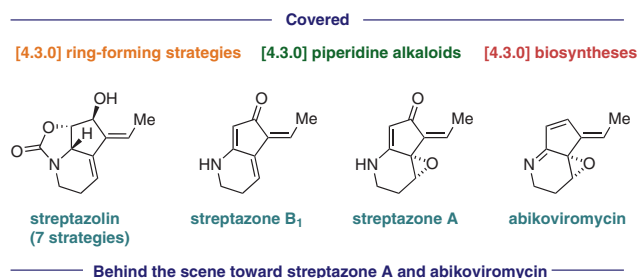
G. J. Wørmer
T. B. Poulsen*

Aarhus University, Denmark

The [4.3.0] Piperidine Alkaloids: Architectures, Biology, Biosyntheses, and the Complete Details of the Asymmetric Syntheses of Streptazone A and Abikoviromycin

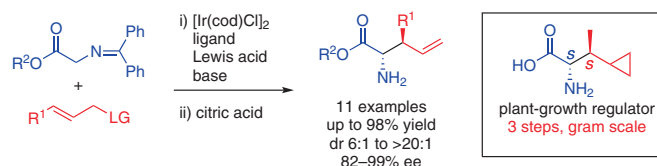
Account

637

P. Wang
R. Zhao
J. Wang
X. Wang*
Lanzhou University,
P. R. of ChinaSynthesis of β -anti-Substituted α -Amino Acids through Iridium-Catalyzed Alkylation/Chelation-Controlled Nucleophilic Addition

Letter

655



Synlett

Synlett 2022, 33, 659–663
DOI: 10.1055/a-1777-2556

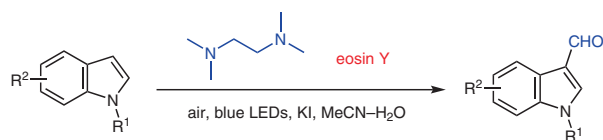
Y. Zhao
H. Li
S. Yin
Y. Wu
G. Ni*

Yunnan University of Chinese
Medicine, P. R. of China

Visible-Light-Promoted Indole C-3 Formylation Using Eosin Y as a Photoredox Catalyst

Letter

659



mild reaction conditions (air, water)
wide substrate scope (19 examples)

Synlett

Synlett 2022, 33, 664–668
DOI: 10.1055/a-1795-7740

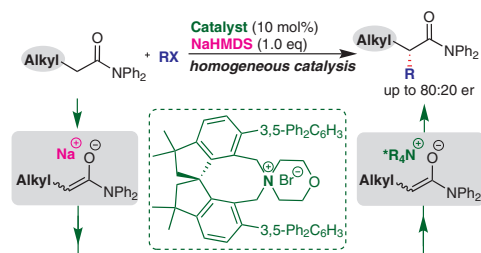
C. Xu*
X. Yang

Lanzhou Jiaotong University,
P. R. of China

Chiral Ammonium Salt Catalyzed Asymmetric Alkylation of Unactivated Amides

Letter

664



Synlett

Synlett 2022, 33, 669–673
DOI: 10.1055/a-1754-2437

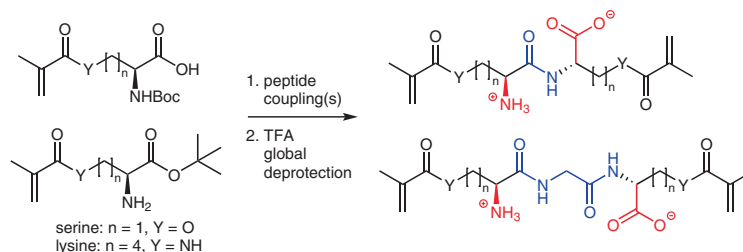
M. Chakraborty
K. V. Waynant*

University of Idaho, USA

Outside-In Strategy for Peptide-Based Methacrylate and Methacrylamide Zwitterionic Cross-Linkers

Letter

669



Synlett

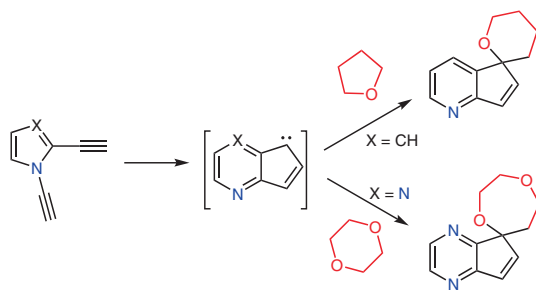
Synlett 2022, 33, 674–678
DOI: 10.1055/s-0041-1737937

A. L. Jewett
J. A. Bondoc
B. L. Gilbreath
B. J. Reinus
S. M. Kerwin*
Texas State
University, USA

Spirocyclic Products via Carbene Intermediates from Thermolysis of 1,2-Dialkynylpyrrole and 1,2-Diethynylimidazole

Letter

674



Synlett

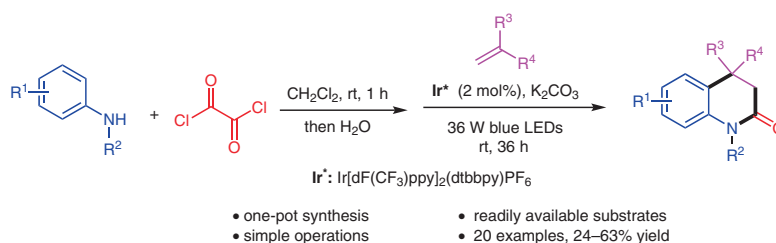
Synlett 2022, 33, 679–683
DOI: 10.1055/s-0041-1737910

J.-Y. He
Q.-F. Bai
X. Li
J. Shou*
G. Feng*
Shaoxing University, P. R. of
China

Photoredox One-Pot Synthesis of 3,4-Dihydroquinolin-2(1H)-ones

Letter

679



Synlett

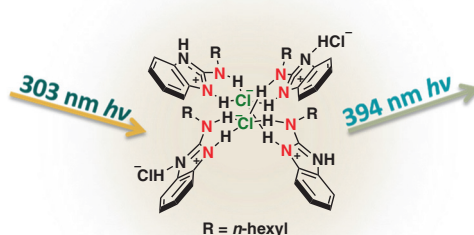
Synlett 2022, 33, 684–688
DOI: 10.1055/a-1790-2858

X. Yan
B. Jiang
G. Fan
Y. Zou
W. Sang
C. Chen*
Y. Yuan*
Wuhan University of Technolo-
gy, P. R. of China

Bridging Chlorine Atoms Enable the Construction of a Novel Benzimidazole-Derived Fluorescent Molecule

Letter

684



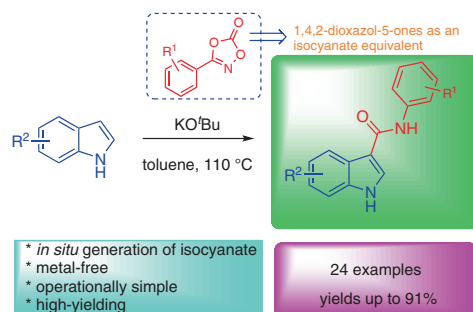
A. Vala
D. Parmar
R. Rayani
R. Kusurkar
U. Guduru
U. Kaneriya
U. Gondaliya
N. Parmar
J. Y. Soni*

The Madhav University, India

1,4,2-Dioxazol-5-ones as Isocyanate Equivalents: Chemoselective Non-Metal-Catalyzed Carboxamidation of Indoles

Letter

689



M. Minakawa*
Y. Sakurai

Yamagata University, Japan

Bismuth(III) Triflate-Catalyzed Intermolecular Cyclization of Phenols with Diols: Direct Access to O-Heterocycles

Letter

694

